

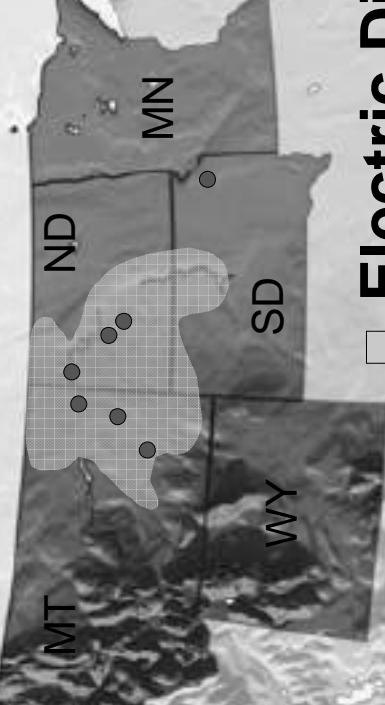
Smart Metering & Demand Response Workshop

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Electric Territory



- Electric Distribution
- Electric Generation Stations
 - 118,000 Customers
 - 176 Communities



3,126 Miles
*Electric
Transmission Line*



4,006 Miles
*Electric
Distribution Line*





Natural Gas Operations



■ Natural Gas Distribution

- 250,000 Customers
- Serving 160 Communities



At Montana-Dakota

- Current Metering Technologies
- Applications Available
- What's to come?

Current Metering Technologies

- Same meter used for measurement may also provide:
 - Reactive measurement
 - Time of Day
 - Load Profiling
 - Power Quality
 - Remote Communications

Current Applications

- Time-of-Use
- Dual-Fuel
- Load Management
- Customer Load Management
 - Pulses sent from meter
 - Furnish load profile data/graphs

What's to come?

- Automated Meter Reading
- Load management linked to meter
 - Air Conditioning Cycling
 - Peak Demand Response
 - Enhanced time of use rates

Questions/Comments

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